

1 Introduction

The ATC-AUDIONET is an Internet radio tuner card for use with card slot-equipped devices such as the Tuner Rack (CEN-TRACK), the Adagio® Entertainment System (AES), the Adagio Media System (AMS), and the Adagio Media System with Advanced Image Processing (AMS-AIP).

The ATC-AUDIONET can also be used for local audio file playback with its built-in memory card slot.

For details, refer to the latest version of the ATC-AUDIONET Operations & Installation Guide (Doc. 6933) which can be downloaded from the Crestron® Web site (www.crestron.com/manuals).

2 Installation

Required Tools/Hardware

- Small flat bladed screwdriver
- Grounding strap (recommended)



CAUTION: The ATC-AUDIONET and host system contain electrostatic discharge (ESD) sensitive devices. Crestron encourages you to wear a grounding strap to avoid damaging the card and/or the host system.

For AES, AMS, AMS-AIP Only

When inserting a card into an Adagio system that features tuner card slots you may need to move other source connections if designated connectors are occupied by other sources. Refer to the respective Operations Guide for details.



CAUTION: Do not connect external sources to **SOURCES** connectors used by tuner cards.



CAUTION: Be certain to insert tuner card before applying power to the Adagio system.

Procedure

Begin the card insertion procedure with these steps:

1. Disconnect power from the host system.
2. Remove the slotted screws securing any cover plate that may be fastened to the slot you intend to use, then set the screws and the cover plate aside.
3. Unpack the ATC-AUDIONET card.

If the included memory card is to be used for audio playback, it should be installed before inserting the ATC-AUDIONET into the system. For details, refer to the latest version of the ATC-AUDIONET Operations & Installation Guide (Doc. 6933).

(Continued in next column.)

2 Installation

Procedure (Continued)

4. As shown in the adjacent photo, position the ATC-AUDIONET card so the print on the faceplate is right side up and the side rails of the card slide into the plastic slots mounted on left and right inside walls of the host system.
5. Push the ATC-AUDIONET card into the slot until it stops at the rear connector, and then push again until the ATC-AUDIONET snaps into place.
6. Secure the card in place by tightening the two slotted screws by hand. The screwdriver slots are provided for removal only.
7. Connect Ethernet cable to the **LAN** port on the ATC-AUDIONET.
8. Apply power to the the host device.



3 Front Panel Controls

NOTE: When installed in an AES, AMS, or AMS-AIP, the interface described here is only displayed when a custom program is used.

The ATC-AUDIONET is controlled with the **TUNE** knob on the CEN-TRACK or the selection knob on the AES, AMS, and AMS-AIP (hereafter referred to as the **TUNE/selection knob**), the **ENTER** button, and soft buttons located under the display.

- Turn the **TUNE/selection knob** to scroll through a list and highlight an item.
- Press the **ENTER** button to select the highlighted item.
- Press a soft button to perform the action indicated above on the display.

4 Setup

IP Settings

By default, the ATC-AUDIONET uses DHCP to obtain an IP address.



To use a static address, refer to the latest version of the ATC-AUDIONET Operations & Installation Guide (Doc. 6933).

Enable and Disable Services

Service providers (SiriusXM™, audiobooks, Pandora®, etc.) can be visible to the user (enabled) or hidden from the user's view (disabled). Services that are not used should be disabled so they are not visible to the user. To enable or disable a provider:

1. Select the ATC-AUDIONET as the source to control.
 - **CEN-TRACK:** Press the **TUNER** button for the card slot that contains the ATC-AUDIONET.
 - **AES/AMS/AMS-AIP:** Press the **SOURCE** button, turn the selection knob to display ATC-AUDIONET, and press the **ENTER** button.

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4 Setup

Enable and Disable Services (Continued)

2. Press **MENU**.
3. Press the soft button labeled **Setup**.
4. Turn the **TUNE/selection knob** to highlight *Enable/Disable Providers* and press **ENTER**. The status of each provider is displayed.
5. Turn the **TUNE/selection knob** to highlight the service to enable or disable and press **ENTER**.
6. Turn the **TUNE/selection knob** to highlight *Enable* or *Disable* and press **ENTER**.
7. Repeat steps 5 and 6 for every service to be enabled or disabled.

Enable/Disable Provider
Internet Radio is enabled
Sirius is enabled
Librivox Audiobooks is enable

Pandora (Optional)

Log In to Pandora:

The first time the Pandora service is selected for listening, a user account must be used or created.

1. Select the ATC-AUDIONET as the source to control.
2. Press the soft button labeled **Browse**.
3. Turn the **TUNE/selection knob** to highlight *Pandora* and press **ENTER**.
4. Log in to the Pandora service using an existing Pandora account or create a new one.

Pandora Setup
I have a Pandora account
I am new to Pandora

Back Fav

NOTE: The ATC-AUDIONET can be used to access the free (Pandora) or pay (Pandora One) service. It can also be used to create an account for the free service. However, it cannot be used to create an account for the pay service.

Use an Existing Pandora Account:

- a. Turn the **TUNE/selection knob** to highlight *I have a Pandora account* and press **ENTER**. The login screen is displayed.
- b. Turn the **TUNE/selection knob** to display the first letter of the account's email address and press **ENTER**. To delete a letter, press the soft button labeled **Delete**. To return to the previous screen, press the soft button labeled **Back**.
- c. Repeat step b for each letter in the account's email address and press **ENTER**.

Enter username (email a
[Cursor]
Back Delete

(Continued on following page.)

4 Setup

Pandora (Optional)

Use an Existing Pandora Account (Continued)

- Press the soft button labeled **Submit** to continue. The password screen is displayed.
- Turn the **TUNE/selection** knob to display the first letter of the account's password and press **ENTER**.

Enter password:

Back Delete

NOTE: The password is case-sensitive.

- Repeat step e for each letter in the account's password and press **ENTER**.
- Press the soft button labeled **Submit** to continue. A list of Pandora stations is displayed.

Create a New Pandora Account:

- Turn the **TUNE/selection** knob to highlight *I am new to Pandora* and press **ENTER**. The display shows an activation code and a Web site address.
- From a computer, open a Web Browser and go to the Web site www.pandora.com/crestron.
- Enter the activation code and follow the instructions for creating a new account.
- On the CEN-TRACK or AES/AMS/AMS-AIP, turn the **TUNE/selection** knob clockwise to select the last line of the displayed message and press **ENTER**. The Pandora controls are displayed.
- Log in to the Pandora service as described in "Use an Existing Pandora Account" on page 1.

Log Out from Pandora

To change the Pandora account that is being used, the current user account must be logged out. To log out the current Pandora user account:

- Select the ATC-AUDIONET as the source to control.
- Press **MENU**.
- Press the soft button labeled **Setup**.
- Turn the **TUNE/selection** knob to highlight *Setup Pandora* and press **ENTER**.
- Press **ENTER**.
- To confirm, turn the **TUNE/selection** knob to highlight *Yes* and press **ENTER**. To cancel, turn the **TUNE/selection** knob to highlight *No* and press **ENTER**.

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4 Setup (Continued)

SiriusXM Internet Radio (Optional)

A SiriusXM streaming Internet radio account is required to configure the ATC-AUDIONET to receive SiriusXM Internet radio.

NOTE: If the user does not use the SiriusXM online service, disable the service as described in "Enable and Disable Services" on page 1.

- If you do not already have a SiriusXM streaming account, go to www.siriusxm.com to set up an account.

NOTE: There is a monthly charge for an account. Free trial accounts are not supported by the ATC-AUDIONET.

- While listening to an Internet radio station, press the soft button labeled **Setup**.
- Turn the **TUNE/selection** knob to highlight *Setup Sirius* and press **ENTER**.
- Turn the **TUNE/selection** knob to highlight *Set Username* and press **ENTER**.

Enter username:

ABCDEFGHIJKLMNOPQRSTUVWXYZ
TUVWXYZ_0123456789-
Caps
Back Delete > Done

NOTE: The username is case-sensitive.

- Turn the **TUNE/selection** knob to highlight a letter and press **ENTER**.
 - Repeat for each letter in the username. To delete a character and move back a space, press the soft button labeled **Delete**. To insert a space and/or move the cursor forward, press the soft button labeled **>**. To return to the previous menu, press the soft button labeled **Back**.
 - Press the soft button labeled **Done** (Submit on Adagio systems) to enter the name.
- Turn the **TUNE/selection** knob to highlight *Set Password* and press **ENTER**.

Enter password:

ABCDEFGHIJKLMNOPQRSTUVWXYZ
TUVWXYZ_0123456789-
Caps
Back Delete > Done

NOTE: The password is case-sensitive.

- Turn the **TUNE/selection** knob to highlight a letter and press **ENTER**.
- Repeat for each letter in the password. To delete a character and move back a space, press the soft button labeled **Delete**. To insert a space and/or move the cursor forward, press the soft button labeled **>**. To return to the previous menu, press the soft button labeled **Back**.
- Press the soft button labeled **Done** (Submit on Adagio systems) to store the password.

5 Listen to Internet Radio Sources

To listen to any of the Internet radio sources, select the ATC-AUDIONET as the source to control.

- CEN-TRACK:** Press the **TUNER** button for the card slot that contains the ATC-AUDIONET.
- AES, AMS, & AMS-AIP:** Press the **SOURCE** button, turn the selection knob to display **ATC-AUDIONET**, and press the **ENTER** button twice. If a station has already been selected, its information is displayed. Otherwise, a list of favorite categories are displayed.

Internet Radio

Favorites:

- To browse through favorite Internet radio stations, press the soft button labeled **Favs**. A list of favorite categories is displayed.
- Turn the **TUNE/selection** knob to highlight a favorite category and press **ENTER**. A list of stations within the category is displayed.
- Turn the **TUNE/selection** knob to highlight the station to be tuned and press **ENTER**.

Favorites

Classical
Rock
Browse

Classical

Barock Music
BBC Radio 3 90 FM
Amadeus 103.7
Back Browse Clear

- Press the soft button labeled **Back** to return to the previous screen.
- Press the soft button labeled **Browse** to browse stations.
- Press the soft button labeled **Clear** to remove the highlighted station from the list of favorites.

NOTE: Stations that are cleared from the list of favorites are also cleared from the favorite station list at radio.crestron.com.

Browsing Stations:

The *Internet Radio* option allows you to search for Internet radio stations and podcasts or browse Internet radio stations.

- Press the soft button labeled **Browse**.
- Turn the **TUNE/selection** knob to highlight *Internet Radio* and press **ENTER**.
- Turn the **TUNE/selection** knob to highlight a browsing method and press **ENTER**.

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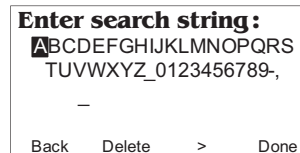
5 Listen to Internet Radio Sources

Internet Radio (Continued)

Search Stations/Search Podcasts:

Select either of these options to search for Internet radio stations or podcasts by name.

1. To enter a string, turn the **TUNE**/selection knob to highlight a letter and press **ENTER**.
2. Repeat for each letter in the search string. To delete a character and move back a space, press the soft button labeled **Delete**. To insert a space and/or move the cursor forward, press the soft button labeled **>**.
3. Press the soft button labeled **Done** to begin the search. A list of stations/podcasts matching the search string is displayed.
4. Turn the **TUNE**/selection knob to highlight the desired station/podcast and press **ENTER** to select.



Other Browse Methods:

You can also browse stations near you (local stations), recently played stations, stations and/or podcasts in a specific location (location), stations and/or podcasts within a specific genre (genre), newly added stations, and the most popular stations.

Other Functions:

While listening to an Internet radio station, you can add it to a group of favorite stations, view the list of favorite stations, browse for another station, or configure the ATC-AUDIONET.

- Press the soft button labeled **Add** to add the current Internet radio station (Not Sirius, Librivox Books, or Pandora) to the list of favorites.

NOTE: Favorite stations and podcasts can also be managed online at radio.crestron.com. For details, refer to "Manage Favorite Stations and Podcasts Online" on sheet 3.

- Press the soft button labeled **Favs** to display the list of favorite stations.
- Press the soft button labeled **Browse** to browse through the available stations and other Internet radio feeds.
- Press the soft button labeled **Setup** to configure the ATC-AUDIONET. The *Internet Radio* option also provides the tuner's access code which is used to add stations and podcasts from a Web browser. For more information, refer to "Manage Favorite Stations and Podcasts Online" on sheet 3.
- To reset the list of favorite stations, turn the **TUNE**/selection knob to highlight *Reset Favorites* and press **ENTER**.

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5 Listen to Internet Radio Sources (Continued)

Pandora Internet Radio

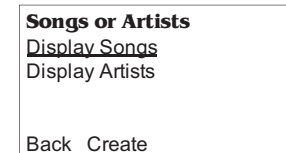
The *Pandora* option allows you to create and listen to Pandora Internet Radio stations.

NOTE: If Pandora is being used for the first time (or no one has logged in), options for logging in or creating a Pandora account are displayed. Refer to section 4 for details.

Create a station:

Pandora allows the user to create a station based on an artist's name, a song title, or a composer's name.

1. Turn the **TUNE**/selection knob to highlight *Pandora* and press **ENTER**. A list of radio stations is displayed.
2. Press the soft button labeled **Create**.
3. Turn the **TUNE**/selection knob to display the first letter of the search term and press **ENTER**. To delete a letter, press the soft button labeled **Delete**. To return to the previous screen, press the soft button labeled **Back**.
4. Repeat step 3 for each letter in the search term and press **ENTER**.
5. Press the soft button labeled **Submit** to continue. A list of options is displayed.
6. Turn the **TUNE**/selection knob to highlight the desired option and press **ENTER**. A list of selections that correlate to the search term is displayed.
7. Turn the **TUNE**/selection knob to highlight the desired selection and press **ENTER** to add the Pandora station.



Listen to a station:

1. Turn the **TUNE**/selection knob to highlight *Pandora* and press **ENTER**. A list of Pandora stations is displayed.
2. Turn the **TUNE**/selection knob to highlight the desired station and press **ENTER**. The station starts playing.

Rate or Bookmark a Song:

While a song is playing, the song can be rated or bookmarked. To rate a song or bookmark the song and/or artist:

1. Press the soft button labeled **Rate**.
2. Turn the **TUNE**/Selection knob to the desired function and press **ENTER**.

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5 Listen to Internet Radio Sources (Continued)

SIRIUS (subscription to online access required)

The *Sirius* option provides the online feed from SiriusXM Satellite radio stations. For setup details, refer to section 4.

1. Turn the **TUNE**/selection knob to highlight *Sirius* and press **ENTER**.
2. Turn the **TUNE**/selection knob to highlight the desired station and press **ENTER**.

Librivox Audiobooks

The *Librivox Audiobooks* option allows you to listen to audio books that were downloaded to the ATC-AUDIONET's memory card from the Librivox Web site (www.librivox.org).

1. Turn the **TUNE**/selection knob to highlight *Librivox Audiobooks* and press **ENTER**.
2. Turn the **TUNE**/selection knob to highlight the desired book file and press **ENTER**.

For more information, refer to the latest version of the ATC-AUDIONET Operations & Installation Guide (Doc. 6933).

6 End-User Sheet

After installation is complete, leave the last sheet of this Quickstart with the end-user.

7

Problem Solving

Notes on Internet Radio

- Internet radio stations can only support a limited number of listeners at any time. If the station's servers have reached their limit of listeners, the ATC-AUDIONET will not be able to connect. To resolve the problem try to connect again.
- Some radio station servers that have too much traffic may choose to “bump” people off the stream. If this happens, try to connect to the station again.
- If a station stops broadcasting, it is removed from the list of available stations.
- A station may go offline before it has been removed from the list. Offline stations do not produce a signal.
- Some stations may not appear on the list of stations if they broadcast in a format that is not supported by the ATC-AUDIONET. For a list of supported formats, refer to latest revision of the ATC-AUDIONET Operations & Installation Guide (Doc. 6933).



Troubleshooting

The following table provides corrective action for possible trouble situations. If further assistance is required, please contact a Crestron customer service representative.

TROUBLE	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Tuner muted.	Mismatched slot.	Place card in proper slot.
	Mute turned on.	Press the Mute button to disengage muting.
	Adagio system volume is turned down.	Check Adagio system volume setting.
Cannot access tuner card controls from front panel.	Dusty contacts on ATC-AUDIONET	Clean contacts with cotton swab or clean cloth. Apply isopropyl alcohol as needed for cleaning.
Tuned station does not produce sound.	Firewall settings prevent reception of streaming audio.	Change firewall port settings or contact network administrator.
Cannot receive SiriusXM streaming content.	Need subscription to stream SiriusXM content.	Verify that subscription to streaming SiriusXM content is current.

Further Inquiries

If you cannot locate specific information or have questions after reviewing this guide, please take advantage of Crestron's award winning customer service team by calling Crestron at 1-888-CRESTRON [1-888-273-7876]. For assistance in your region, please refer to the Crestron Web site (www.crestron.com/offices) for a listing of Crestron worldwide offices.

You can also log onto the online help section of the Crestron Web site (www.crestron.com/onlinehelp) to ask questions about Crestron products. First-time users must establish a user account to fully benefit from all available features.

Future Updates

As Crestron improves functions, adds new features and extends the capabilities of the ATC-AUDIONET, additional information may be made available as manual updates. These updates are solely electronic and serve as intermediary supplements prior to the release of a complete technical documentation revision.

Check the Crestron Web site periodically for manual update availability and its relevance. Updates are identified as an “Addendum” in the Download column.

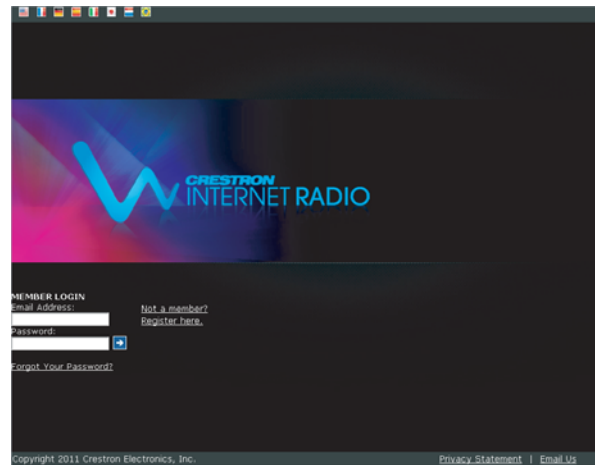
The specific patents that cover Crestron products are listed at patents.crestron.com.

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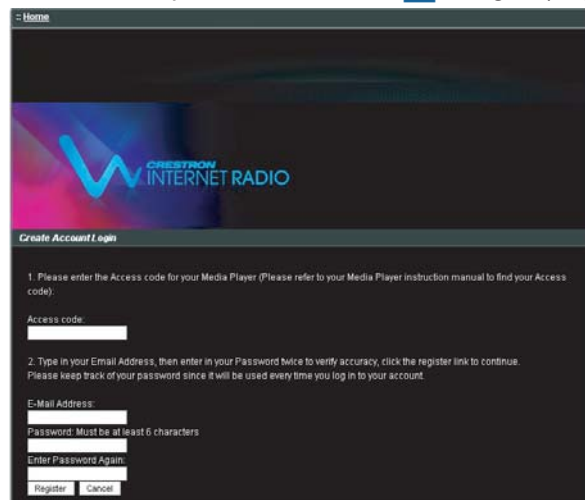
Manage Favorite Stations and Podcasts Online

As an alternative to using the front panel for searching and adding favorite Internet radio (not Sirius, Pandora, or Librivox) stations, the Crestron Internet Radio Web site (radio.crestron.com) can be used to search and preview stations online while allowing you to manage your favorite stations and podcasts. To use the Web site:

1. Open a browser to the Web site radio.crestron.com.



2. To create a new account, click **Register here**. If an account has already been created, enter the e-mail address and password and click  to log in (skip to step 4).



3. Enter the ATC-AUDIONET's access code, an e-mail address and a password to associate with the account and click **Register**.

NOTE: To find your access code, select the ATC-AUDIONET as a source, press the soft button labeled **Browse**, turn the **TUNE**/selection knob to highlight *Internet Radio* and press **ENTER**. Turn the **TUNE**/selection knob to highlight *Get Access Code*, and press **ENTER**.

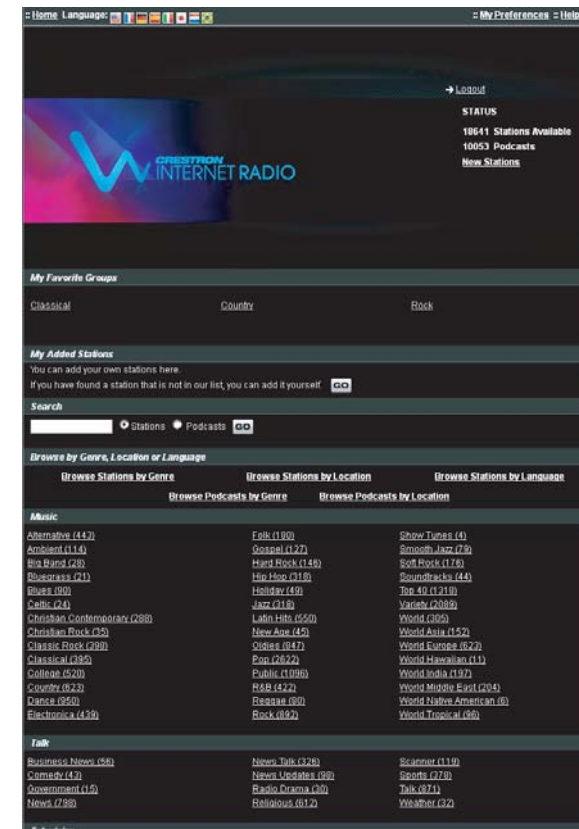
NOTE: Multiple ATC-AUDIONETs can be registered to one e-mail address. Any changes made to favorites propagates to all ATC-AUDIONET devices registered under the account.

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For details, refer to the latest version of the ATC-AUDIONET Operations & Installation Guide, Doc. 6933.

QUICKSTART DOC. 6931C (2028050, Sheet 3 of 3) 03.12

4. Click on a group name in *My Favorite Groups*, a browse method, or a genre to view a list of relevant stations.



5. To listen to a station in your Web browser, click . To add the station to the list of favorites, click  and follow the instructions for adding the station. If viewing a list of favorites, click  to remove the station from the list of favorites.

